

10/536659

D-3212

JC20 Rec'd PCT/PTO 27 MAY 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Clarke et al.)
U.S. Serial No: pending)
Filed: herewith)
For: APPARATUS AND PROCESS FOR)
CARBON DIOXIDE ABSORPTION)
)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant wishes to call to the attention of the Examiner the documents cited on the accompanying Form PTO-1449. No concession is made that these documents are prior art, and applicant expressly reserves the right to antedate the documents as may be appropriate. Applicant requests that each of these documents be made of record in the above-identified application.

Included with the PTO-1449 are copies of co-pending applications, of which we are aware, that may be relevant.

Respectfully Submitted



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May 27, 2005

FJUxa/jh

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <small>(Use several sheets if necessary)</small>								D-3212 DOCKET NO:					
								10/536659 APPLN. NO.					
								APPLICANT: Michael John Clarke and Ian Hallas					
								FILING DATE: Herewith	GROUP ART:				
U. S. PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE	
	5	8	7	6	4	8	6	3-2-1999	Steinwandel et al.	53	22	09-09-1996	
	4	1	7	4	3	7	4	11-13-1979	Matson	53	34	08-16-1978	
	4	7	5	0	9	1	8	06-14-1988	Sirkar	53	22	05-28-1985	
	4	8	2	4	4	4	3	04-25-1989	Matson et al.	53	22	04-07-1988	
	3	6	7	4	0	2	2	07-04-1972	Dounoucos	7	02	08-31-1967	
FOREIGN PATENT DOCUMENTS													
EXAMINER INITIAL	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
												YES	NO
	196	45	2	2	3	C	1	11-2-1996	DE	6		X	
	197	29	7	3	9	A	1	07-11-1997	DE	6		X	
	WO	94	0	1	2	0	4	07-02-1993	PCT			X	
	1	5	1	7	3	6	2	08-20-1976	UK	13		X	
	0	2	0	1	4	6	8	04-10-1986	EP	53	34	X	
OTHER DOCUMENTS													
1	<u>Facilitated Transport of Carbon Dioxide through Supported Liquid Membranes of Aqueous Amine Solutions. 1996 American Chemical Society. Ind. Eng. Chem. Res. Vo. 35, No. 2 Pg. 538-545. by Teramoto, Nakai, Ohnishi, Huang, Watari and Matsuyama</u>												
2	<u>Supported Liquid Membranes For Carbon Dioxide Removal From Submarine Atmospheres: Experiences with a technology demonstrator. 2001-01-2394 By Gareth Toft, Steve Cassidy and Mark Lunn. Defense Evaluation and Research Agency on behalf of the Controller of HMSO.</u>												
EXAMINER								DATE CONSIDERED:					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.													